

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

1/23

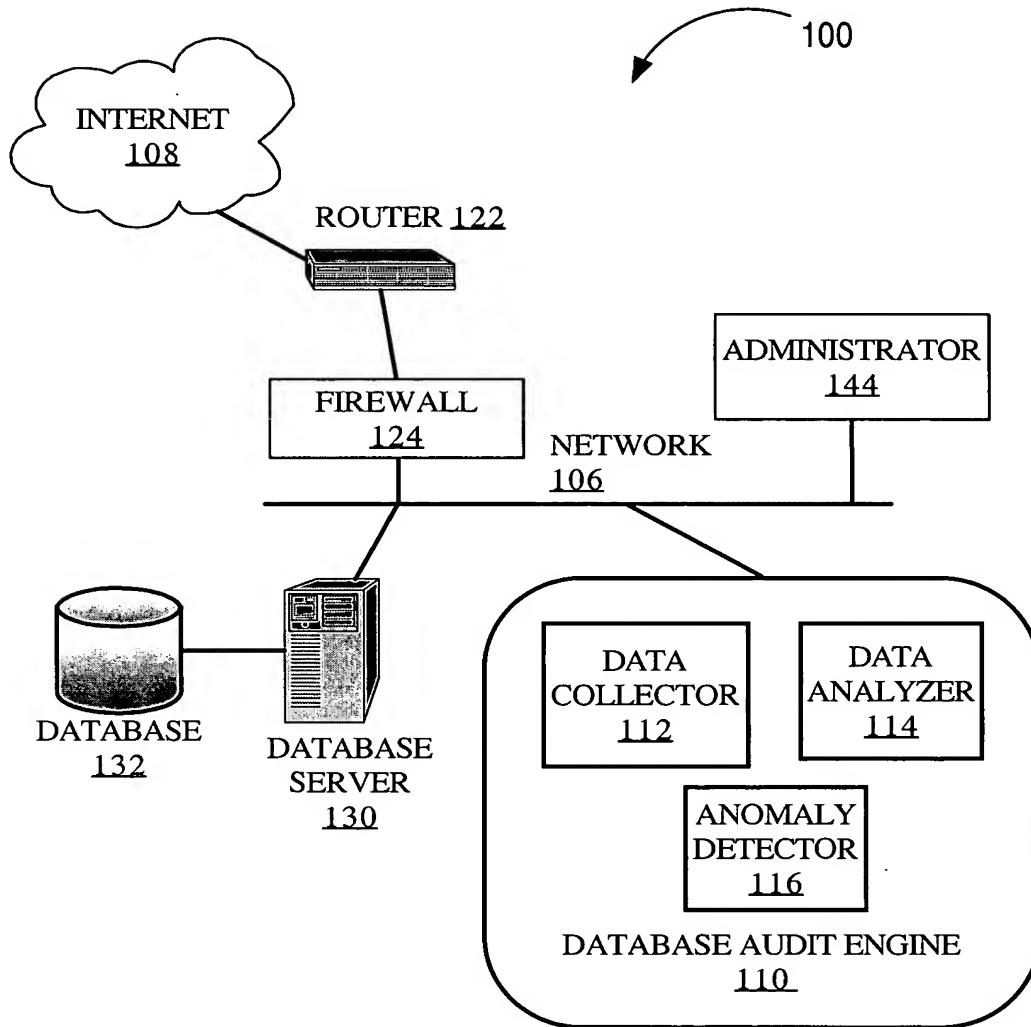


FIG. 1

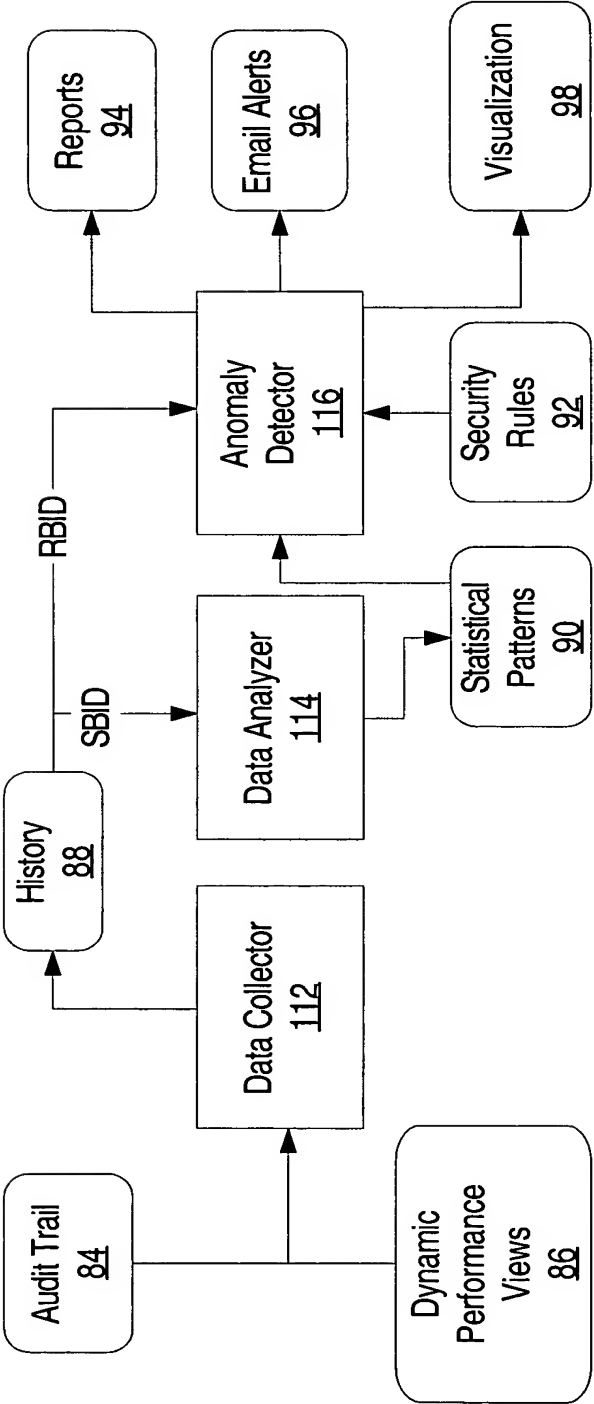


FIG. 2

3/23

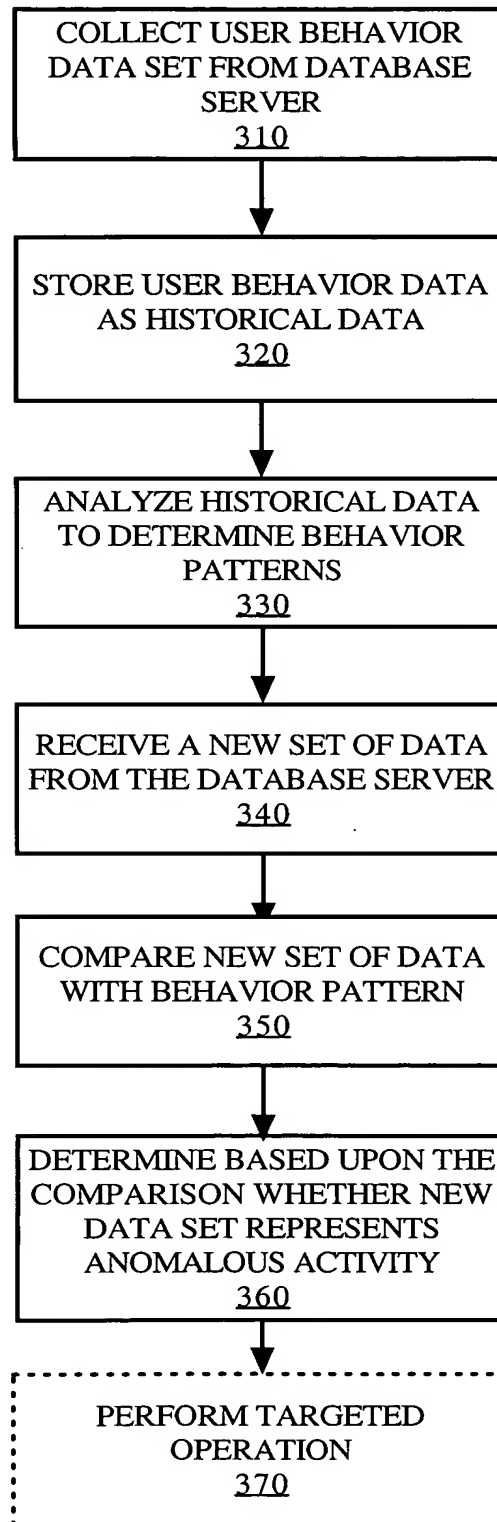


FIG. 3A

4/23

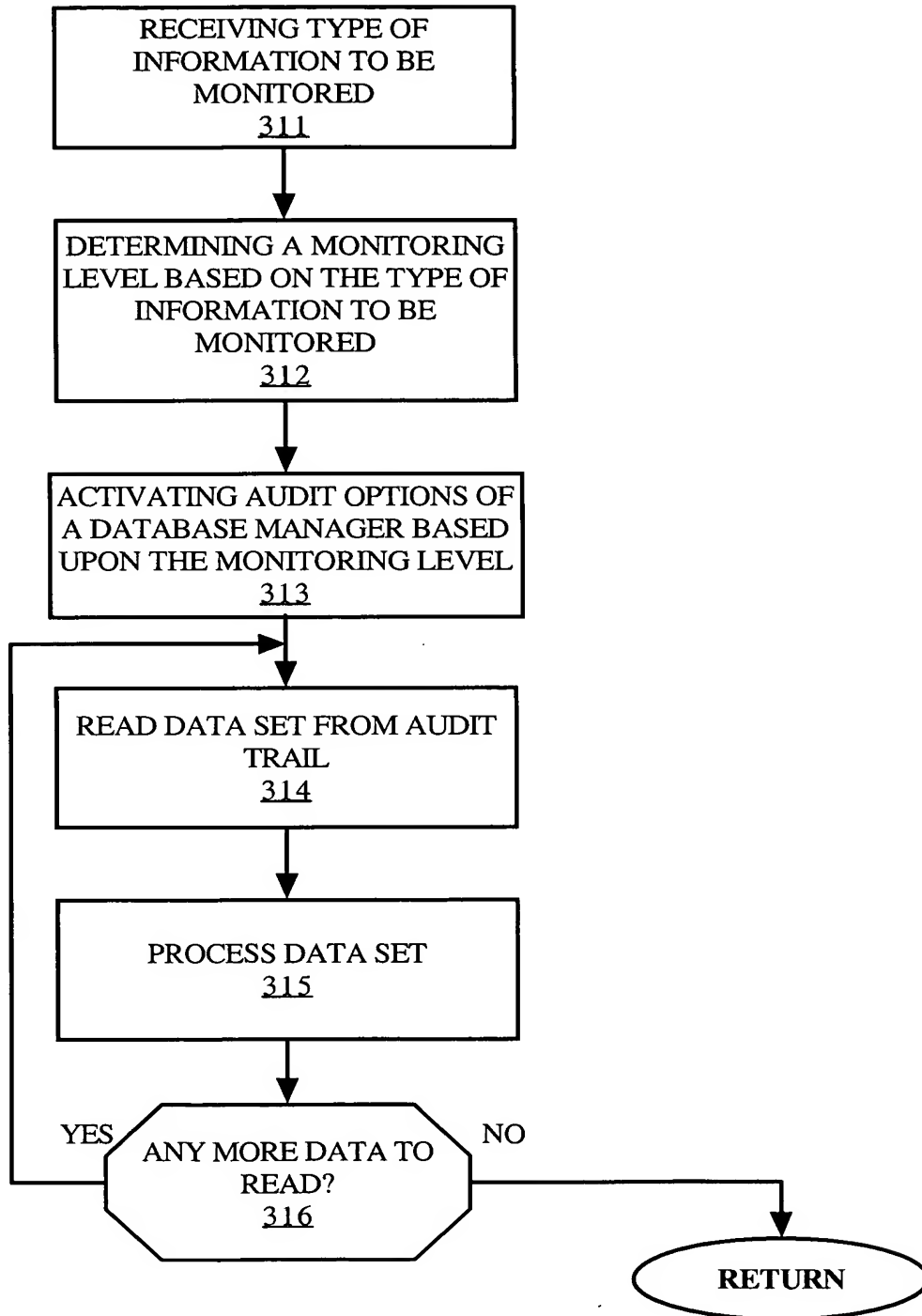


FIG. 3B

5/23

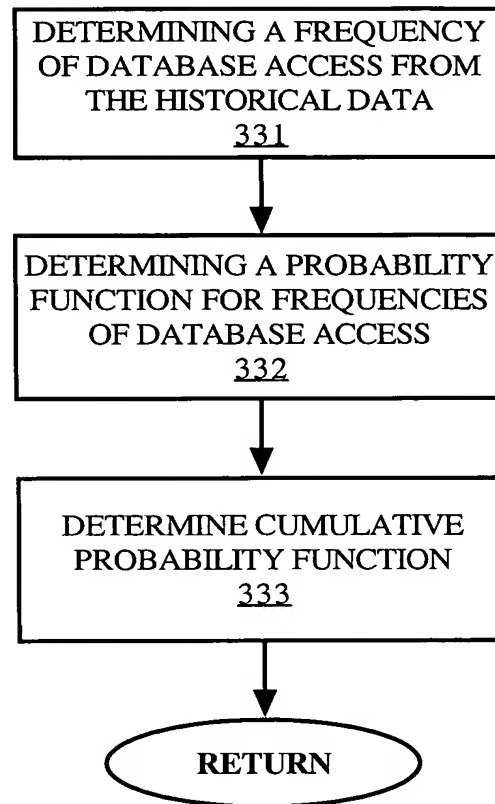


FIG. 3C

6/23

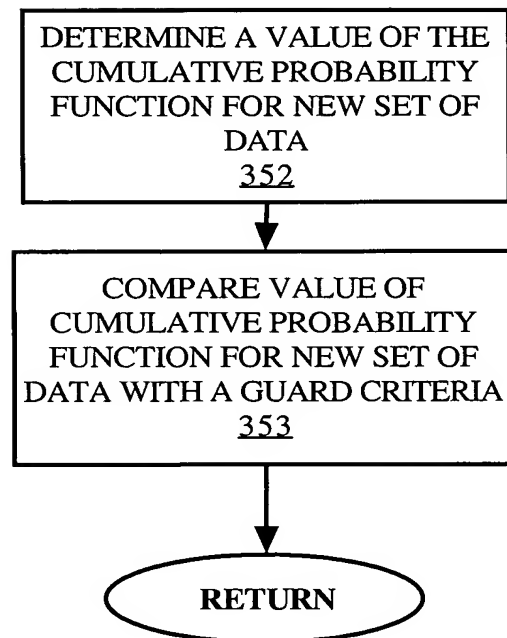


FIG. 3D

7/23

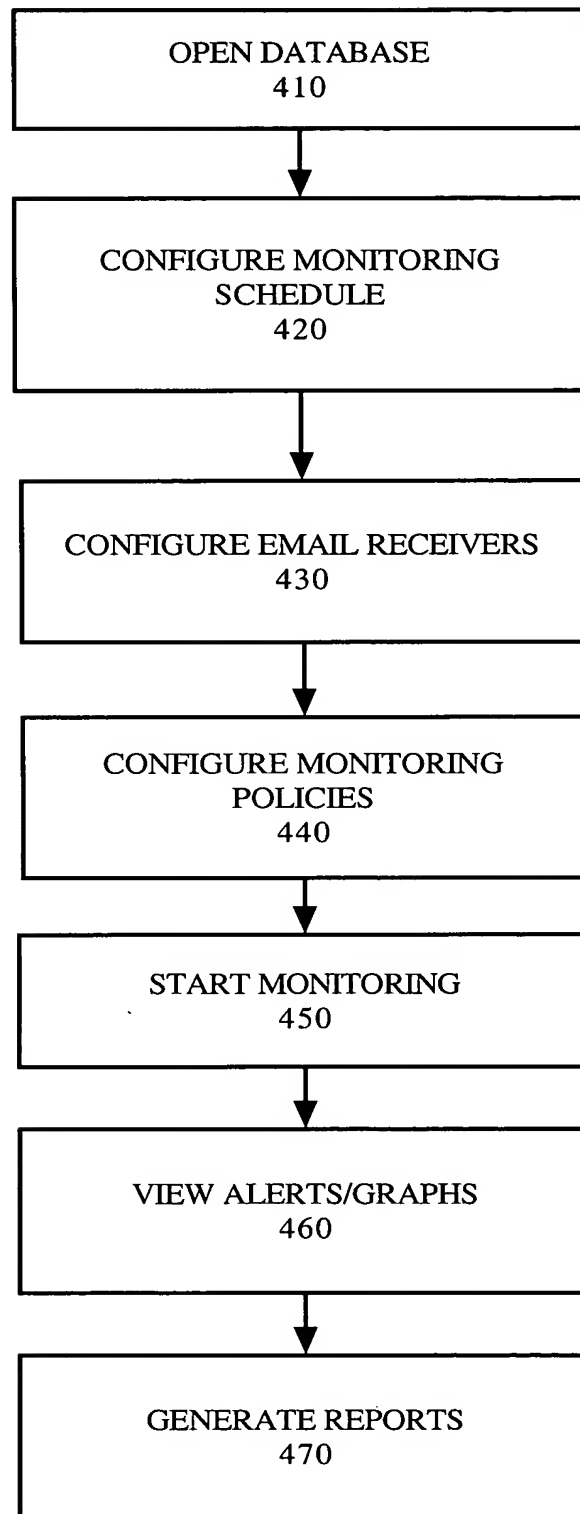


FIG. 3E



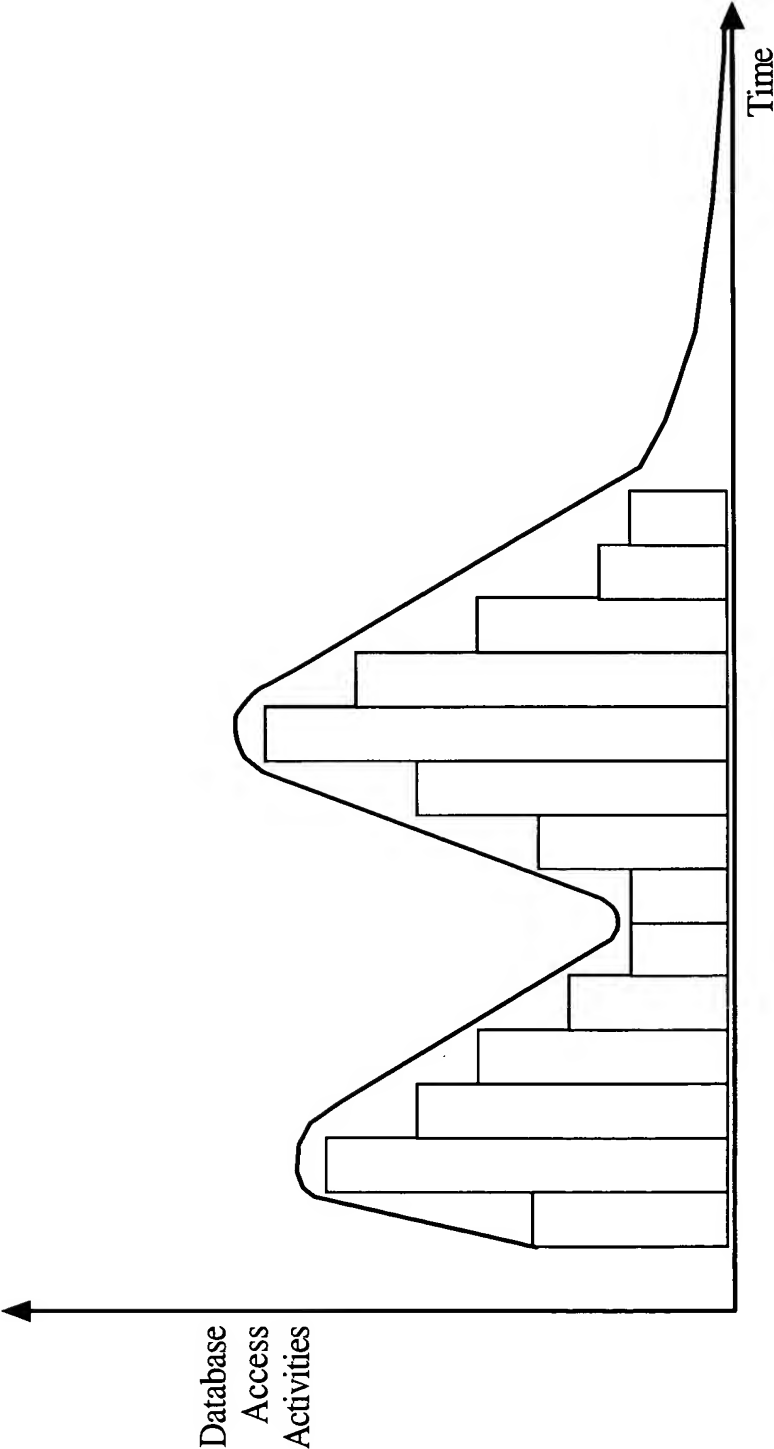


FIG. 4

9/23

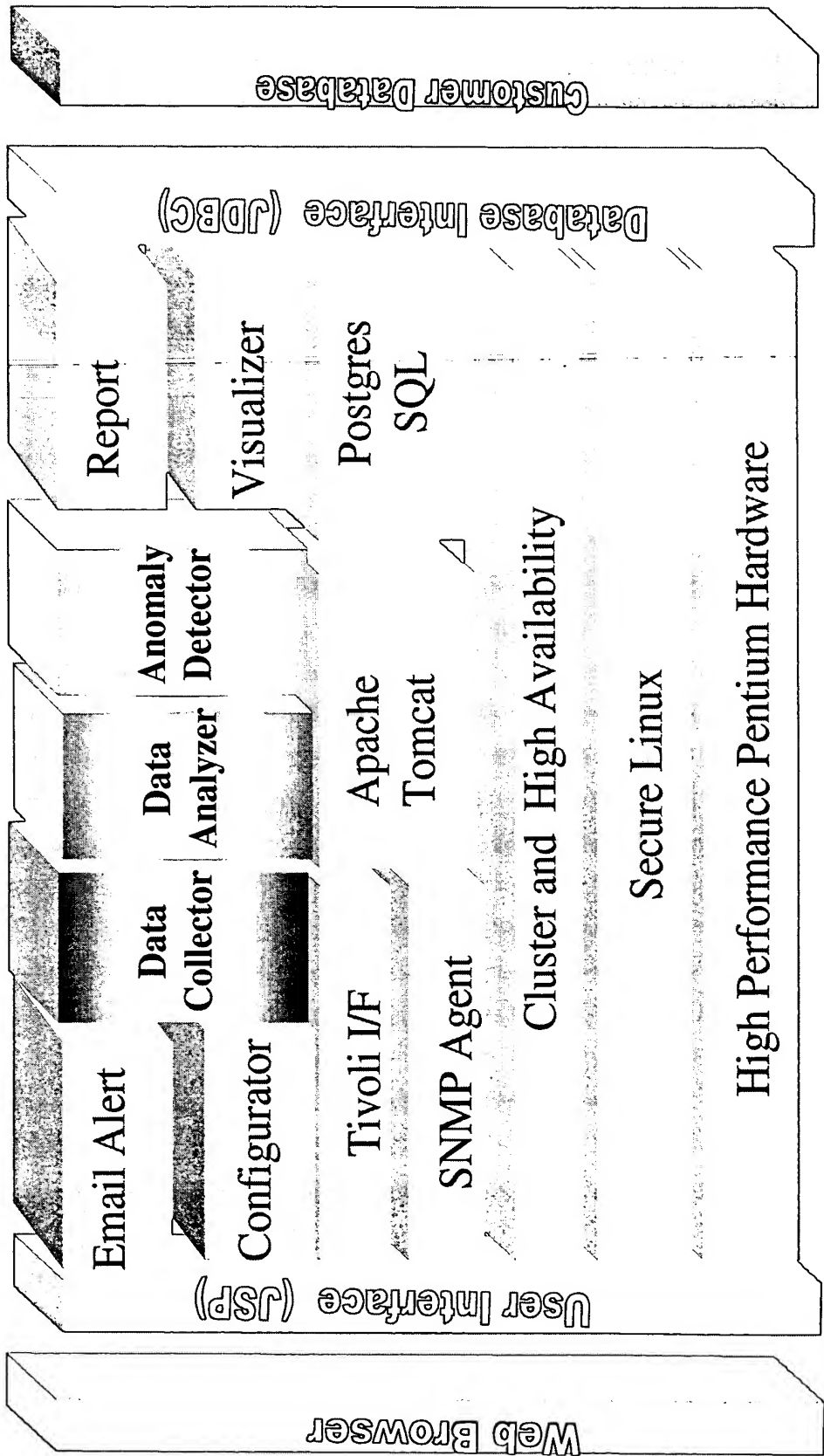


FIG 5

10/23

IPlocks User Behavior Monitor - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address: http://dasd2650/iplocks/ubm/jsp/dbguardhome.jsp

IPLOCKS

MY ACCOUNT ABOUT IPLOCKS PRODUCT OVERVIEW DOCUMENTATION LOGOUT

dasd2650 Status  
No database specified

### Create New Database Connection

\* required fields

Database Connection Name *	cttest2	Monitored Application Name	
Database Server Name/IP (with port) *	198.245.1.32:1521	Database Location	
Database Name *	cttest2	Region	
Database Server type *	Oracle	Division	
Username *	system	Business Unit	
Password *	.....	Usage	
DBA1 Name		DBA2 Name	
DBA1 Tel		DBA2 Tel	
DBA1 Email		DBA2 Email	

Create Upload

Previous Main Page Next Open Target Database

Done

Configuration Vulnerability

Content Monitor

Metadata Monitor

Privilege Monitor

User Behavior Monitor

User Behavior Monitor Module

- No database is currently opened. Click this link and go to Open Database page. If you don't have any database exist, please go to Create New Database Connection page first.
- Module Learn Schedule Setting
- Module Guard Schedule Setting
- Database Learn Schedule Setting
- Database Guard Schedule Setting
- Default Email Settings

FIG 6A

11/23

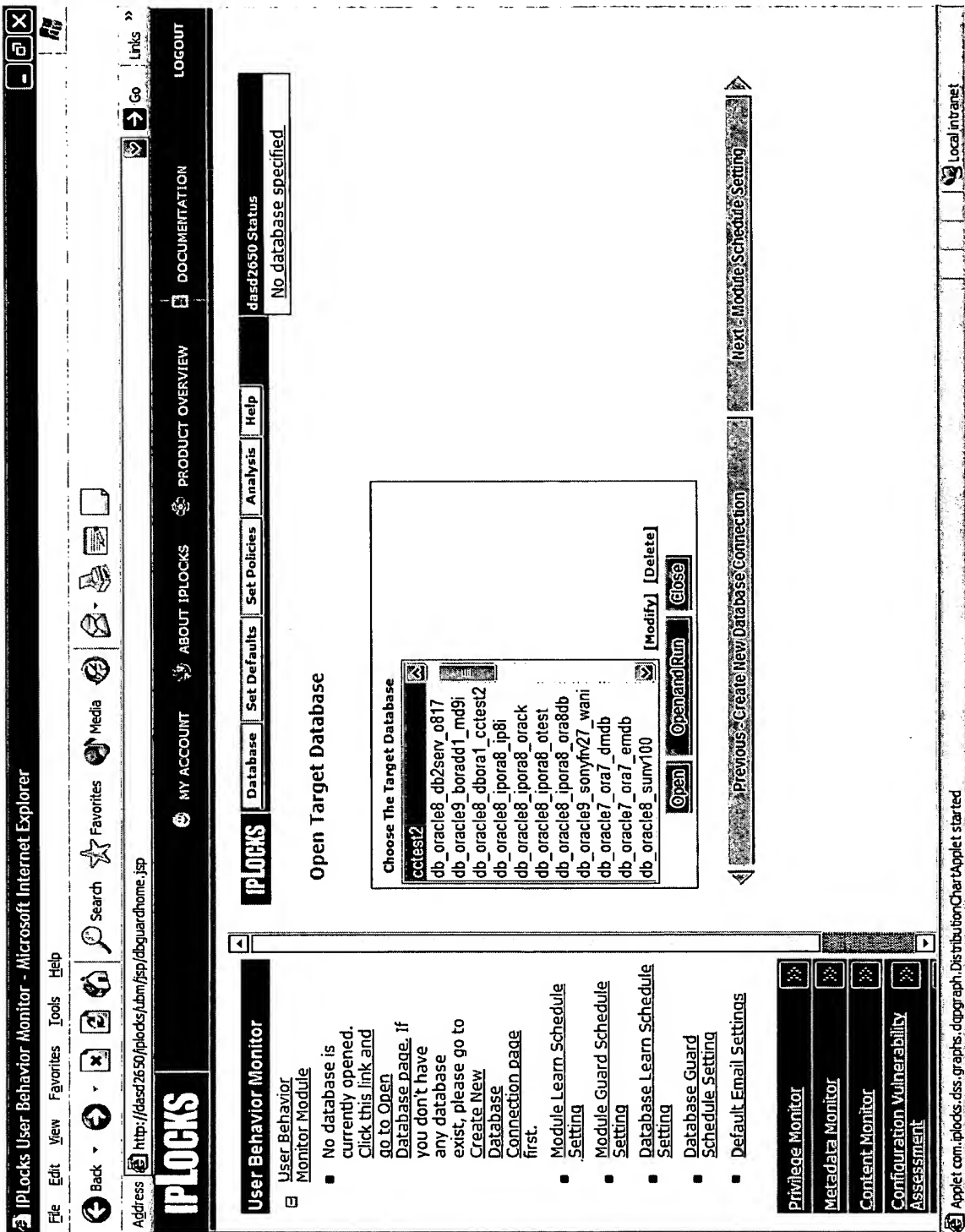


FIG 6B

12/23

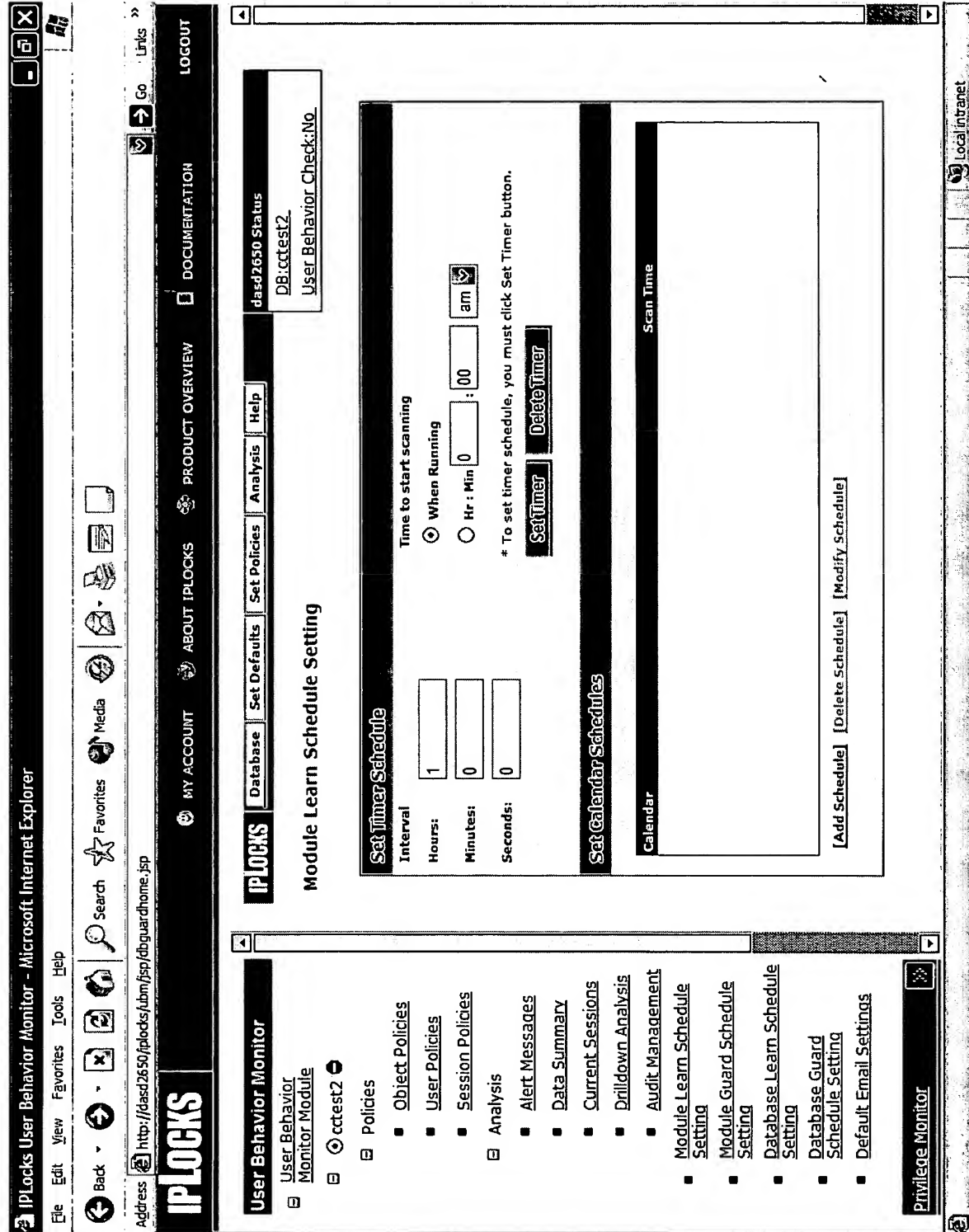


FIG 6C

13/23

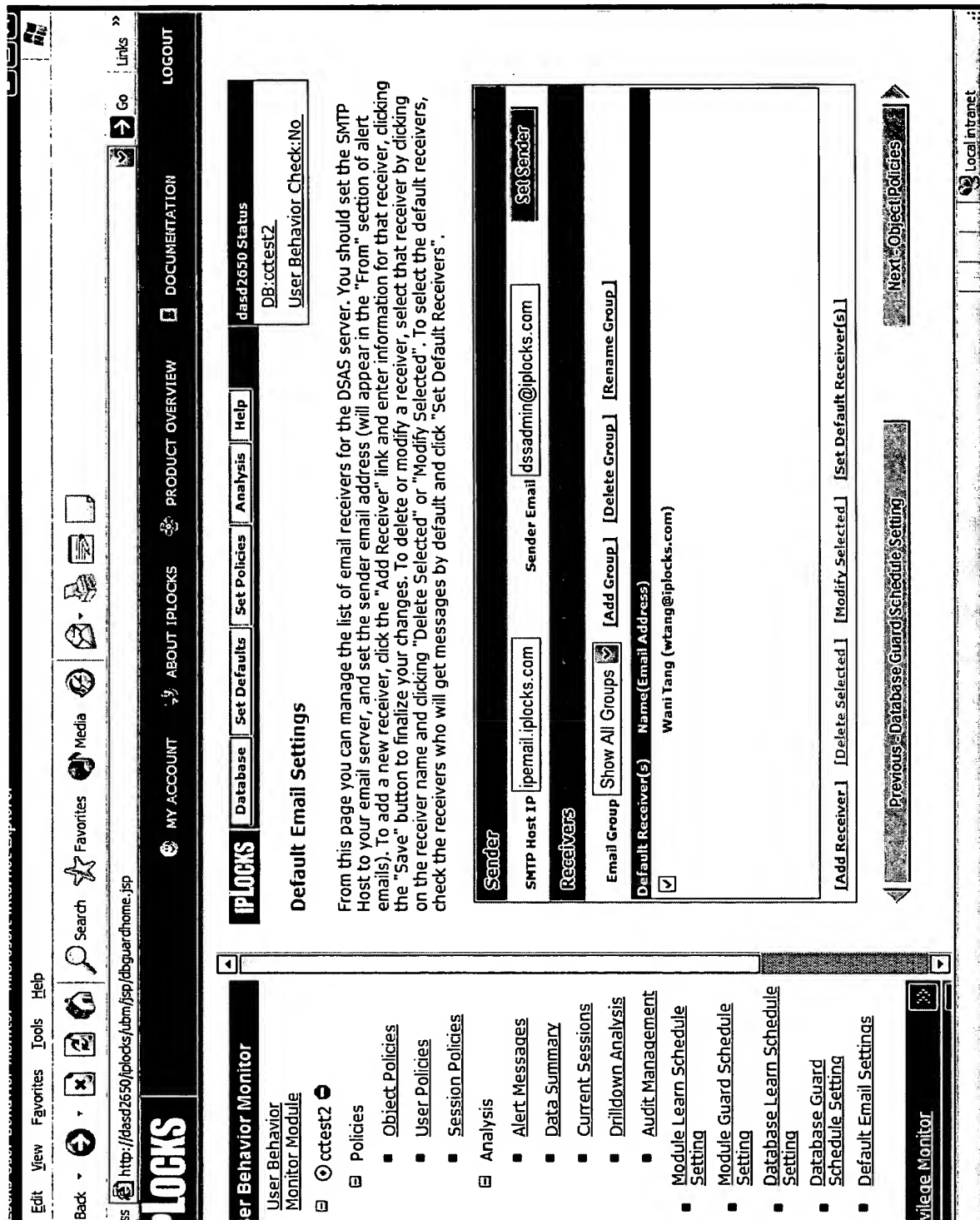


FIG 6D

14/23

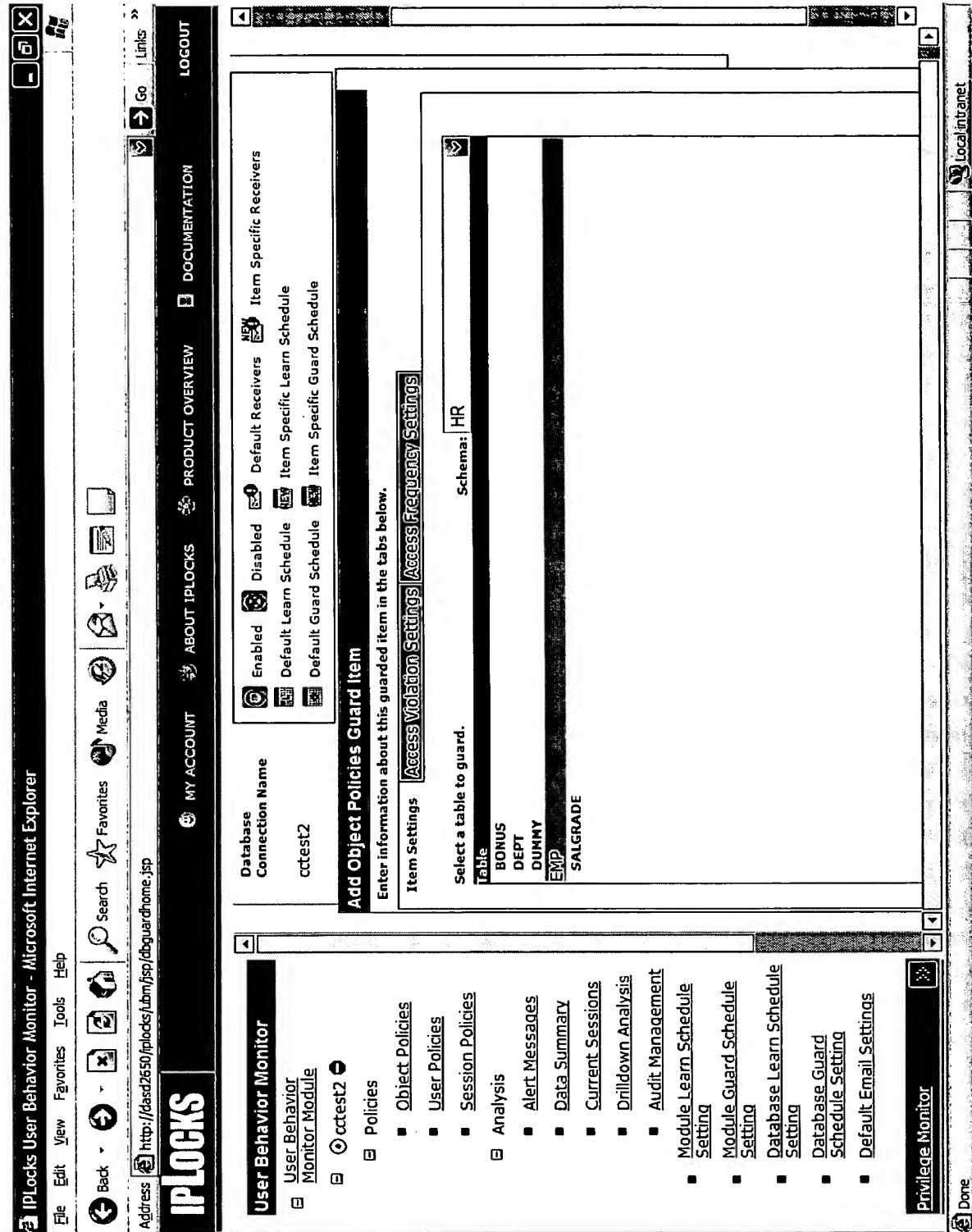


FIG 6E

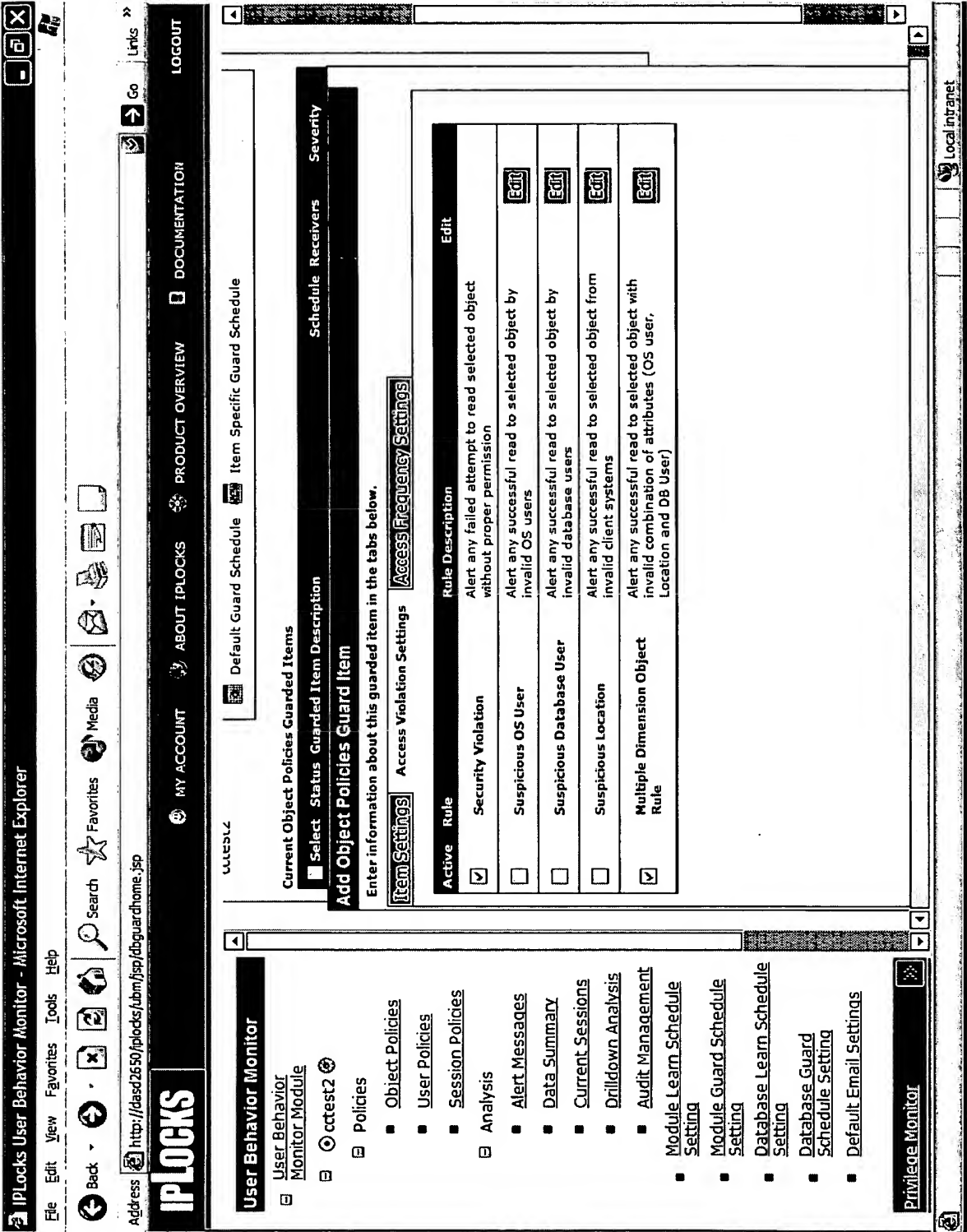


FIG 6F



16/23

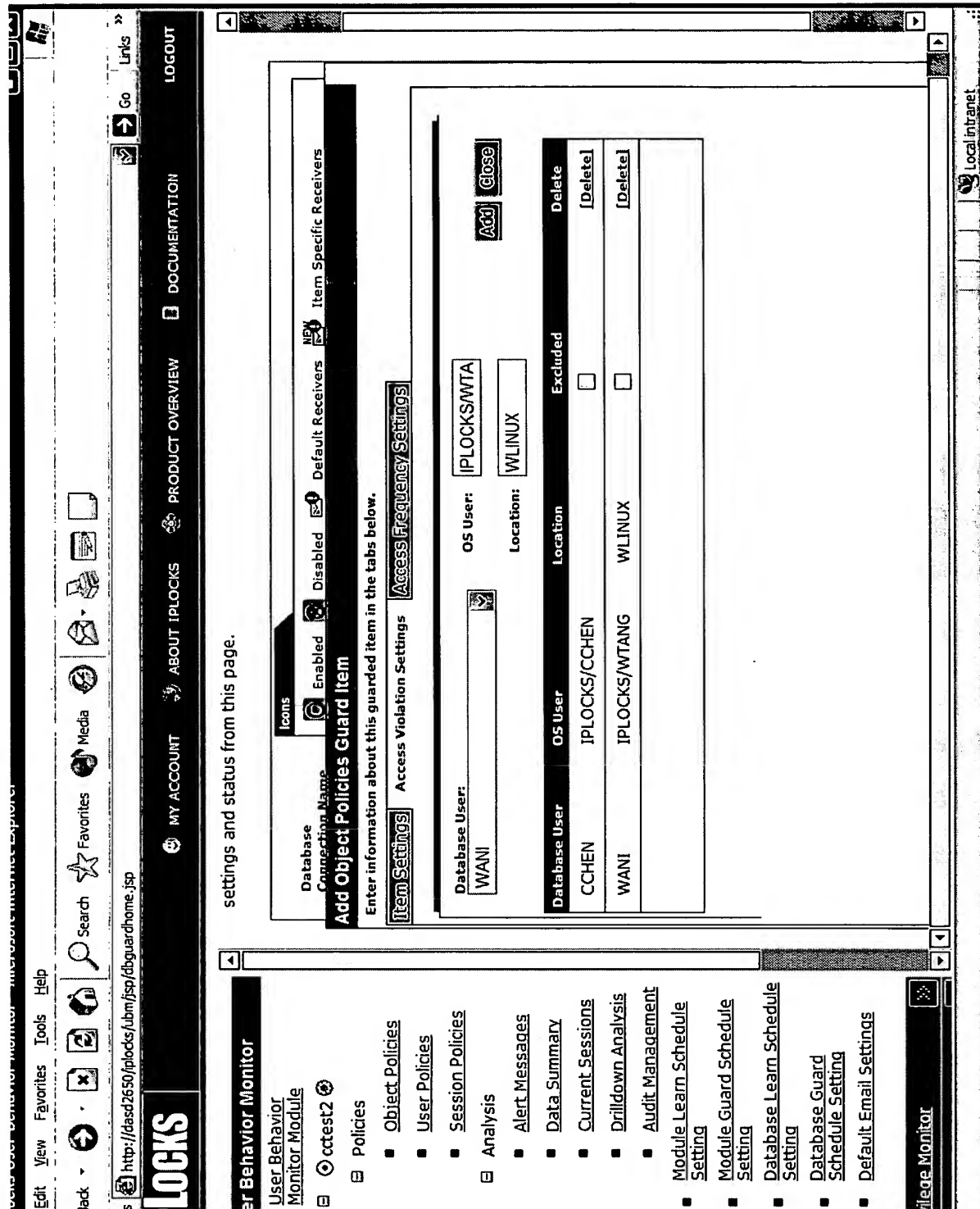


FIG 6G

17/23

IPLocks User Behavior Monitor - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Search Favorites Media

Address http://dsd2650/iplocks/tbm/jsp/dbguardhome.jsp

LOGOUT

MY ACCOUNT ABOUT ILOCKS PRODUCT OVERVIEW DOCUMENTATION

Default Guard Schedule Item Specific Guard Schedule

Current Object Policies Guarded Items

Select Status Guarded Item Description

Add Object Policies Guard Item

Enter information about this guarded item in the tabs below.

Item Settings Access Violation Settings Access Frequency Settings

Active Rule	Rule Description	Threshold	Percentile	Edit
<input checked="" type="checkbox"/>	Time Violation Alert excessive read to selected object within 24HR time slot	100	0	%
<input type="checkbox"/>	OSUser and Time Violation Alert excessive read to selected object within 24HR time slot grouped by OSUsers	0	0	%
<input type="checkbox"/>	DB User and Time Violation Alert excessive read to selected object within 24HR time slot grouped by DB User	0	0	%
<input type="checkbox"/>	Terminal and Time Violation Alert excessive read to selected object within 24HR time slot grouped by Terminal	0	0	%
<input checked="" type="checkbox"/>	Multiple Dimension Object Rule Alert excessive read to selected object within 24HR time slot grouped by a combination of attributes (OS User, Terminal and DB User)	0	0.1	%

User Behavior Monitor

- User Behavior Monitor Module
  - cttest2
  - Policies
    - Object Policies
    - User Policies
    - Session Policies
  - Analysis
    - Alert Messages
    - Data Summary
    - Current Sessions
    - Drilldown Analysis
    - Audit Management
  - Module Learn Schedule Setting
  - Module Guard Schedule Setting
  - Database Learn Schedule Setting
  - Database Guard Schedule Setting
  - Default Email Settings

Privilege Monitor

Local Intranet

FIG 6H

18/23

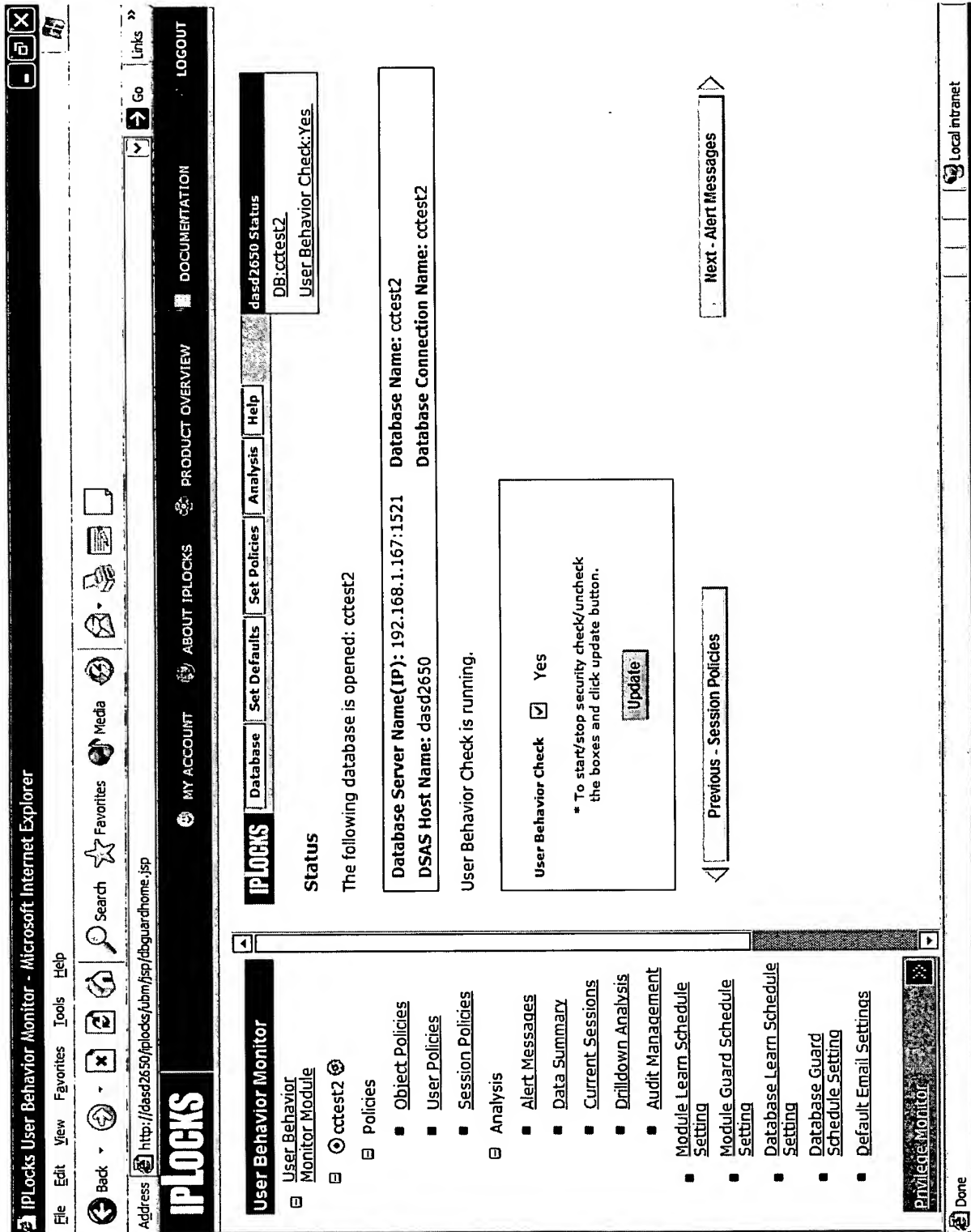


FIG 6I

19/23

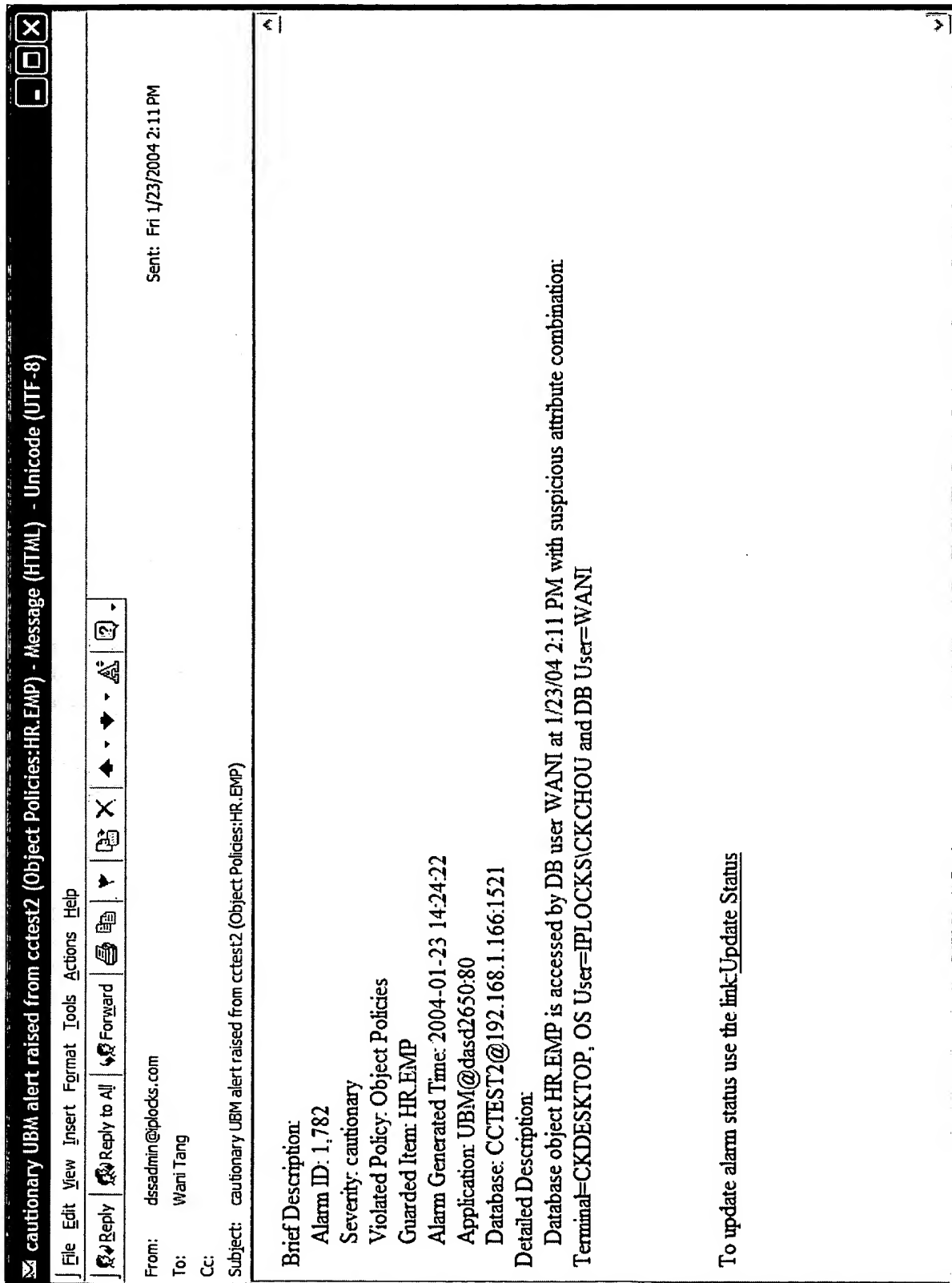


FIG 6J

20/23

The screenshot displays the IPLOCKS User Behavior Monitor web application. The browser window title is "IPLOCKS User Behavior Monitor - Microsoft Internet Explorer". The address bar shows "http://dasd2650/iplocks/ubm/jsp/dbguard/home.jsp". The application has a top navigation bar with links: MY ACCOUNT, ABOUT IPLOCKS, PRODUCT OVERVIEW, DOCUMENTATION, and LOGOUT. Below this is a sub-navigation bar with: IPLOCKS, Database, Set Defaults, Set Policies, Analysis, Help, and a "User Behavior Check: Yes" button. The main content area is divided into two panes. The left pane, titled "User Behavior Monitor", contains a tree view with the following items: User Behavior Monitor Module, Policies (with a sub-item "Object Policies"), User Policies, Session Policies, Analysis (with sub-items "Alert Messages", "Data Summary", "Current Sessions", "Drilldown Analysis", and "Audit Management"), Module Learn Schedule Setting, Module Guard Schedule Setting, Database Learn Schedule Setting, Database Guard Schedule Setting, and Default Email Settings. The right pane, titled "Alert Messages", contains a message stating: "Below is a list of the alert messages currently being tracked by User Behavior Monitor. You can click on violated rules to drill down for further details. You can also delete any alerts that have been resolved. A permanent copy exists in the DSAS system, so you can always retrieve old alerts using the Report Generator, even if you delete it from this screen." Below this message is a table with the following data:

Diagnostics		Hide
<input type="checkbox"/>	Alarm ID: 1.6 Item: SCOTT UBM@dasd2650	Hide
<input type="checkbox"/>	Alarm ID: 1.6 Item: SCOTT UBM@dasd2650	Hide
<input type="checkbox"/>	Alarm ID: 1.6 Item: WANI UBM@dasd2650	Hide
<input type="checkbox"/>	Alarm ID: 1.7 Item: HR.EMP UBM@dasd2650	Hide
<input type="checkbox"/>	Alarm ID: 1.7 Item: WANI UBM@dasd2650	Hide
<input type="checkbox"/>	Alarm ID: 1.7 Item: WANI UBM@dasd2650	Hide
<input type="checkbox"/>	Guarded Item Application	Hide

At the bottom of the right pane are links: [Delete] [Delete All]. The bottom status bar of the browser shows "Applet com.iplocks.dss.graphs.dqgraph.DistributionChartApplet started" and "local intranet".

FIG 6K

21/23

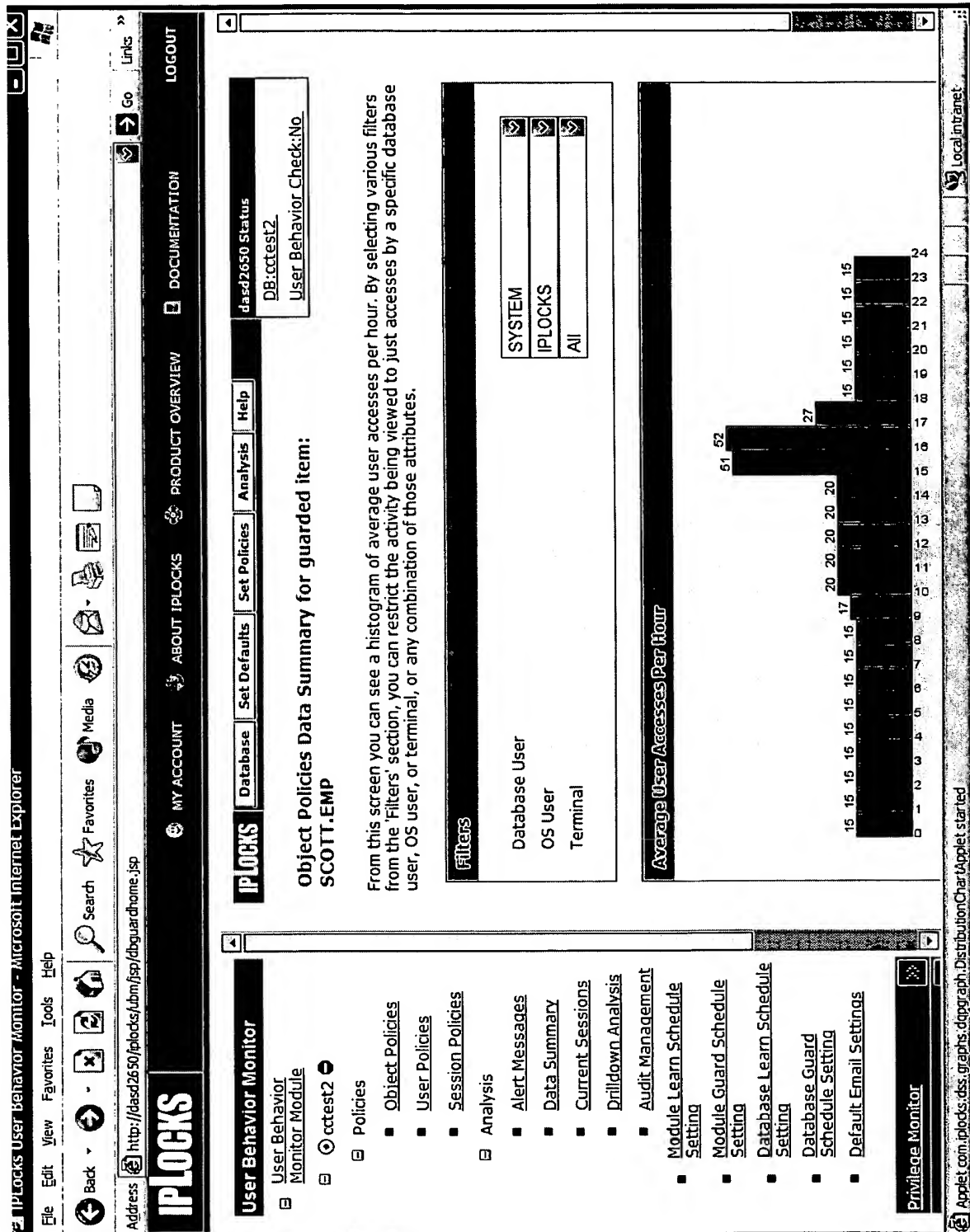


FIG 6L

22/23

IPlocks Alarm Report Manager - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address: http://dasd2650/iplocks/dss/reports/jsp/dbguar.dhome.jsp

IPLOCKS

MY ACCOUNT ABOUT IPLOCKS PRODUCT OVERVIEW DOCUMENTATION LOGOUT

dasd2650 Status Report Running: No

### Preview Report Setting

Report Name: ubm-cctest2  
Date Generated: 2004-01-16 14:17:10  
Applications: UBM  
Database: cctest2  
Number of Alarms Meeting Criteria: 5  
\* To sort column click on header.

ID	App	Database	Policy	Guarded Item	Severity	Status	Time
1156	UBM	cctest2	User Policies	CCHEN	cautionary	Error_Corrected	2003/12/19 11:32
1157	UBM	cctest2	Session Policies	SCOTT	cautionary	Not Handled	2003/12/19 11:33
1616	UBM	cctest2	Session Policies	SCOTT	cautionary	Not Handled	2004/01/16 13:36
1618	UBM	cctest2	Object Policies	SCOTT.EMP	cautionary	Not Handled	2004/01/16 13:54
1619	UBM	cctest2	Session Policies	WANI	cautionary	Acknowledged	2004/01/16 14:11

Informational ☒ Cautionary ☒ Minor ☒ Major ☒ Critical

Export to

### Alarm Report Manager

- ☒ Alarm Report Manager
  - ☒ Current Reports
  - ☒ Schedule Setting
  - ☒ Default Email Settings

Privilege Monitor  
Metadata Monitor  
Content Monitor  
User Behavior Monitor  
Configuration Vulnerability Assessment  
Rule Chaining  
Policy Management

Done Local intranet

FIG 6M

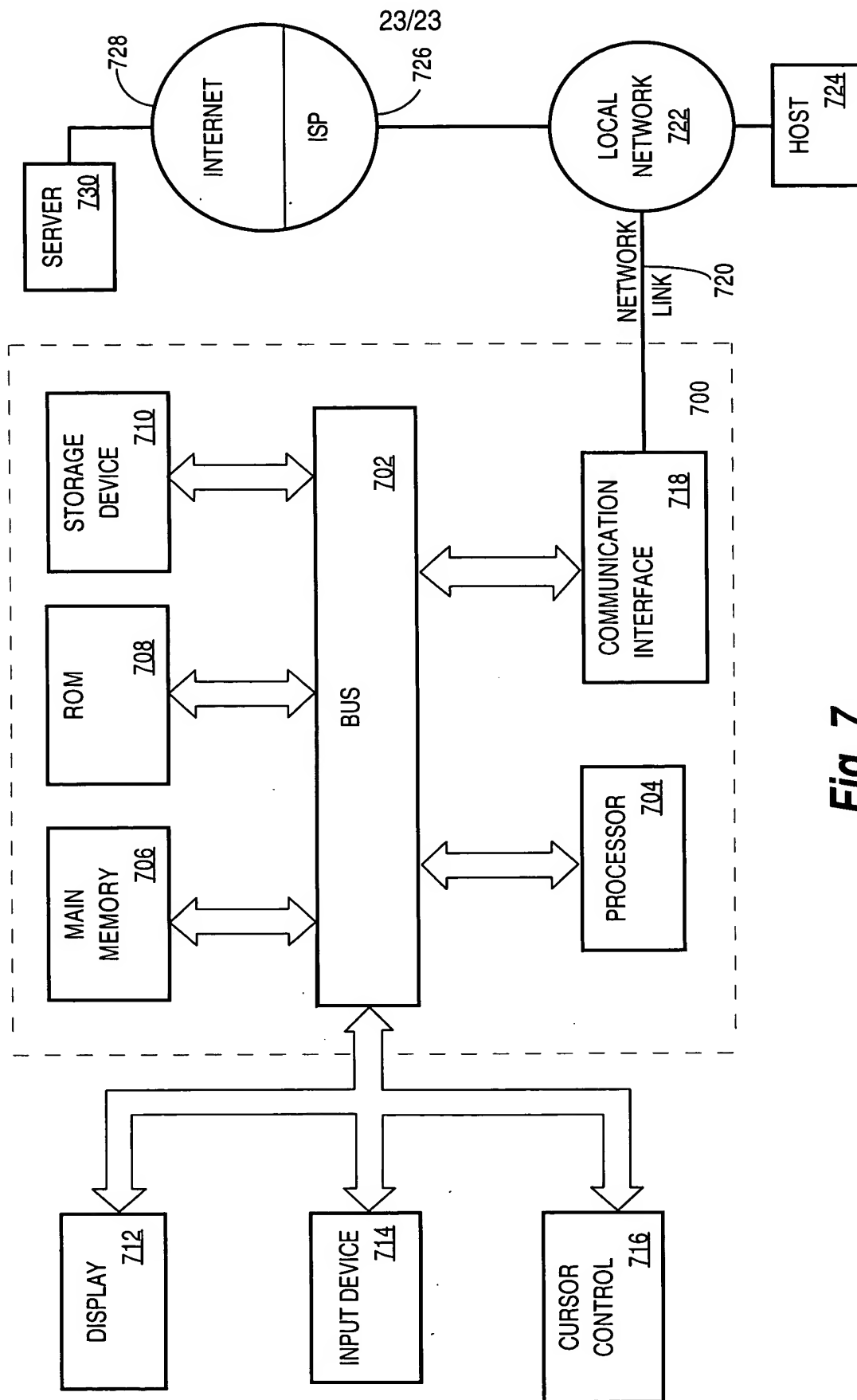


Fig. 7